

**RECEIVED  
CENTRAL FAX CENTER**

01/30/2006 16:40 FAX

01/30/2006 04:12 301-564-6669

MITCHELL

JAN 31 2006

025/030

PAGE 01

Docket No. 027705.00004

AREN'T FOX PLLC

## Declaration/Power of Attorney For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(Insert Title) **METHODS AND COMPOSITIONS FOR USE IN SPLICEOSOME MEDIATED RNA TRANS-SPlicing**

the specification of which is attached hereto unless the following box is checked:

<input checked="" type="checkbox"/> was filed on _____	As PCT International Application
Number _____	and was amended on _____
and/or was filed on <u>February 12, 2002</u>	As U.S. Patent Application
Number <u>10/076,248</u>	and was amended on <u>May 24, 2005</u>

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '11.56.

I hereby claim foreign priority benefits under 35 U.S.C. '119(a)-(d) or '363(b) of any foreign application(s) for patent or inventor's certificate, or '365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	Priority Claimed		
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below.

<u>60/008,717</u> (Application Number)	<u>December 15, 1995</u> (Filing Date)
<u> </u> (Application Number)	<u> </u> (Filing Date)

See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or '363(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35 U.S.C. '112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.)	PCT/US02/00416 (Application Serial No.) <u>09/941,492</u> (Application Serial No.) <u>09/836,838</u> (Application Serial No.) <u>09/756,096</u> (Application Serial No.) <u>09/158,863</u> (Application Serial No.) <u>09/133,717</u> (Application Serial No.) <u>09/087,213</u> (Application Serial No.) <u>08/766,554</u> (Application Serial No.)	<u>January 8, 2002</u> (Filing Date) <u>August 29, 2001</u> (Filing Date) <u>April 20, 2001</u> (Filing Date) <u>January 8, 2001</u> (Filing Date) <u>September 23, 1998</u> (Filing Date) <u>August 13, 1998</u> (Filing Date) <u>May 28, 1998</u> (Filing Date) <u>December 13, 1996</u> (Filing Date)	Pending (Status) (patented, pending, abandoned) <u>Pending</u> (Status) (patented, pending, abandoned) <u>Pending</u> (Status) (patented, pending, abandoned) <u>Pending</u> (Status) (patented, pending, abandoned) <u>Pending</u> (Status) (patented, pending, abandoned) <u>Patented</u> (Status) (patented, pending, abandoned) <u>Abandoned</u> (Status) (patented, pending, abandoned) <u>Patented</u> (Status) (patented, pending, abandoned)
---	---	---	---

NYC/225490.1

POWER OF ATTORNEY

And I hereby appoint the firm of Arent Fox, Customer Number 38485 including as principal attorneys:

Barton, Rhonda L., Reg. No. 47,271  
 Berman, Richard J., Reg. No. 39,107  
 Carlan, Janine, Reg. No. 42,387  
 Carpenter, Robert K., Reg. No. 34,794  
 Cherdink, Erik, Reg. No. 39,936  
 Chessler, Wilburn, Reg. No. 41,668  
 Churns, Timothy J., Reg. No. 48,340  
 Haydoutova, Julianne, Reg. No. 43,313  
 Hill, Rustan J., Reg. No. 37,351  
 Hsu, John, Reg. No. 45,563  
 Seide, Rochelle K., Reg. No. 32,300

Huang, Sam, Reg. No. 48,430  
 Jenkins, Marylcc, Reg. No. 37,645  
 Loughlin, Lco, Reg. No. 42,811  
 Marmelstein, Charles M., Reg. No. 25,895  
 Murphy, Christopher, Reg. No. 39,786  
 Oram, George, E., Jr., Reg. No. 27,931  
 Ozgu, Murat, Reg. No. 44,275  
 Prakash, Guatam, Reg. No. 53,481  
 Schoenhard, Amy, Reg. No. 46,512  
 Stahnke, Sarah, Reg. No. 54,854

Please direct all communications to the following address: Customer No. 38485  
 ARENT FOX PLLC  
 1675 Broadway  
 New York, NY 10019-5820  
 Telephone No. (212) 484-3900; Facsimile No. (212) 484-3990

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor

Lloyd G. MITCHELL

Inventor's signature

Lloyd G. Mitchell

Inventor's signature

Residence Bethesda, MDCitizenship U.S.A.Post Office Address 4519 Gretna Street, Bethesda, MD 20814

Full name of second inventor

Mariano A. GARCIA-BLANCO

Inventor's signature

Inventor's signature

Residence Durham, North CarolinaCitizenship U.S.A.Post Office Address 12 Sanderling Court, Durham, North Carolina 27713

Full name of third inventor

Madaiah PUTTARAJU

Inventor's signature

Inventor's signature

Residence Germantown, MDCitizenship IndiaPost Office Address 12115 Sanddrift Drive, Germantown, MD 20876

**RECEIVED  
CENTRAL FAX CENTER**

01/30/2006 16:41 FAX

01/30/2006 04:12 301-564-6669

MITCHELL

JAN 31 2006

027/030

PAGE 01

Docket No. 027705.00004

AREN'T FOX PLLC

## Declaration/Power of Attorney For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

(Insert Title) **METHODS AND COMPOSITIONS FOR USE IN SPLICEOSOME MEDIATED RNA TRANS-SPlicing**

the specification of which is attached hereto unless the following box is checked:

<input checked="" type="checkbox"/> was filed on _____	and was amended on _____	As PCT International Application
Number _____		
and/or was filed on <u>February 12, 2002</u>		As U.S. Patent Application
Number <u>10/076,248</u>	and was amended on <u>May 24, 2005</u>	

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56.

I hereby claim foreign priority benefits under 35 U.S.C. '119(a)-(d) or '365(b) of any foreign application(s) for patent or inventor's certificate, or '365(e) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	(Number)	(Country)	(Day/Month/Year Filed)
	(Number)	(Country)	(Day/Month/Year Filed)
	(Number)	(Country)	(Day/Month/Year Filed)

Priority Claimed

Yes  No

Yes  No

Yes  No

I hereby claim the benefit under 35 U.S.C. '119(c) of any United States provisional application(s) listed below.

<u>60/008,717</u> (Application Number)	<u>December 15, 1995</u> (Filing Date)
(Application Number)	(Filing Date)

See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or '365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35. U.S.C. '112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.)	PCT/US02/0016 (Application Serial No.) <u>09/541,492</u> (Application Serial No.) <u>09/588,858</u> (Application Serial No.) <u>09/756,096</u> (Application Serial No.) <u>09/158,863</u> (Application Serial No.) <u>09/133,717</u> (Application Serial No.) <u>09/087,233</u> (Application Serial No.) <u>08/766,354</u> (Application Serial No.)	<u>January 8, 2002</u> (Filing Date) <u>August 29, 2001</u> (Filing Date) <u>April 20, 2001</u> (Filing Date) <u>January 8, 2001</u> (Filing Date) <u>September 23, 1998</u> (Filing Date) <u>August 13, 1998</u> (Filing Date) <u>May 28, 1998</u> (Filing Date) <u>December 13, 1996</u> (Filing Date)	Pending (Status) (patented, pending, abandoned) Pending (Status) (patented, pending, abandoned) Pending (Status) (patented, pending, abandoned) Pending (Status) (patented, pending, abandoned) Pending (Status) (patented, pending, abandoned) Patented (Status) (patented, pending, abandoned) Abandoned (Status) (patented, pending, abandoned) Patented (Status) (patented, pending, abandoned)
---	--	---	--

NYC/225490.1

# BEST AVAILABLE COPY

01/30/2006 16:42 FAX

028/030

01/30/2006 09:42 2406832451  
2007/2003 21:40 5087482883

INTRONN

PAGE 03

PAGE 03

## POWER OF ATTORNEY

And I hereby appoint the firm of Arent Fox, Customer Number 38483 including as principal attorneys:

Barton, Rhonda L., Reg. No. 47,271  
Berman, Richard J., Reg. No. 39,107  
Carlan, Janine, Reg. No. 42,387  
Carpenter, Robert K., Reg. No. 34,794  
Cherdak, Eyle, Reg. No. 39,936  
Chesser, Wilburn, Reg. No. 41,668  
Churnas, Timothy J., Reg. No. 48,340  
Haydoutova, Juliana, Reg. No. 43,313  
Hill, Rustin J., Reg. No. 37,351  
Hsu, John, Reg. No. 45,563  
Selde, Roettke K., Reg. No. 32,300

Huang, Sam, Reg. No. 48,430  
Jenkins, Mayler, Reg. No. 37,645  
Longhitto, Leo, Reg. No. 42,811  
Marwstein, Charles M., Reg. No. 25,895  
Murphy, Christopher, Reg. No. 39,786  
Ogram, George, E., Jr., Reg. No. 27,931  
Ozgu, Murat, Reg. No. 42,275  
Prakash, Gaurav, Reg. No. 53,481  
Schoenhard, Amy, Reg. No. 46,812  
Sishake, Sarah, Reg. No. 54,854

Please direct all communications to the following address:

Customer No. 38483  
ARENT FOX PLLC  
1675 Broadway  
New York, NY 10019-5820  
Telephone No. (212) 484-3900; Facsimile No. (212) 484-3990

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or take in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like to make are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issued thereon.

Full name of first inventor

Lloyd G. MITCHELL

Inventor's signature

Inventor's signature

Residence Bethesda, MD

Citizenship U.S.A.

Post Office Address 4519 Grimp Street, Bethesda, MD 20814

Full name of second inventor

Mariano A. GARCIA-BLANCO

Inventor's signature

28 JAN 2001 Inventor's signature

Residence Durham, North Carolina

Citizenship U.S.A.

Post Office Address 12 Sanderling Court, Durham, North Carolina 27713

Full name of third inventor

Madainh PUTTARAJU

Inventor's signature

Inventor's signature

Residence Germantown, MD

Citizenship India

Post Office Address 12115 Starbird Drive, Germantown, MD 20876

NYC025490.1

2 of 2

RECEIVED  
CENTRAL FAX CENTER

01/30/2006 16:42 FAX

01/30/2006 04:12 301-564-6669

MITCHELL

JAN 31 2006

029/030

PAGE 01

Docket No. 027705.00004

ARENT FOX PLLC

**Declaration/Power of Attorney For U.S. Patent Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below my name.  
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled(Insert Title) **METHODS AND COMPOSITIONS FOR USE IN SPLICEOSOME MEDIATED RNA TRANS-SPlicing**

the specification of which is attached hereto unless the following box is checked:

was filed on \_\_\_\_\_ and was amended on \_\_\_\_\_ As PCT International Application  
 Number \_\_\_\_\_  
 and/or was filed on February 12, 2002 and was amended on \_\_\_\_\_ As U.S. Patent Application  
 Number 10/076,248 May 24, 2005

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56.

I hereby claim foreign priority benefits under 35 U.S.C. '119(a)-(d) or '365(b) of any foreign application(s) for patent or inventor's certificate, or '365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application having a filing date before that of the application(s) for which priority is claimed:

(List prior foreign applications)	(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed
	(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
	(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. '119(e) of any United States provisional application(s) listed below.

<u>60/008,717</u> (Application Number)	<u>December 15, 1995</u> (Filing Date)
<u> </u> (Application Number)	<u> </u> (Filing Date)

 See attached list for additional prior foreign or provisional applications.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) or '365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) (U.S. or PCT) in the manner provided by the first paragraph of 35. U.S.C. '112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. '1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(List prior U.S. Applications or PCT International applications designating the U.S.)	PCT/US02/00416 (Application Serial No.)	<u>January 8, 2002</u> (Filing Date)	Pending (Status) (patented, pending, abandoned)
	09/941,492 (Application Serial No.)	<u>August 29, 2001</u> (Filing Date)	Pending (Status) (patented, pending, abandoned)
	09/838,858 (Application Serial No.)	<u>April 20, 2001</u> (Filing Date)	Pending (Status) (patented, pending, abandoned)
	09/750,096 (Application Serial No.)	<u>January 8, 2001</u> (Filing Date)	Pending (Status) (patented, pending, abandoned)
	09/158,863 (Application Serial No.)	<u>September 23, 1998</u> (Filing Date)	Pending (Status) (patented, pending, abandoned)
	09/133,717 (Application Serial No.)	<u>August 13, 1998</u> (Filing Date)	Patented (Status) (patented, pending, abandoned)
	09/087,233 (Application Serial No.)	<u>May 28, 1998</u> (Filing Date)	Abandoned (Status) (patented, pending, abandoned)
	08/766,354 (Application Serial No.)	<u>December 13, 1996</u> (Filing Date)	Patented (Status) (patented, pending, abandoned)

NYC/223490.1

**BEST AVAILABLE COPY**

01/30/2006 16:43 FAX

030/030

01/30/2006 09:42 2406832451

INTRONN

PAGE 02

**POWER OF ATTORNEY**

And I hereby appoint the firm of Arent Fox, Customer Number 38485 including as principal attorneys:

Barton, Rhonda L., Reg. No. 47,271  
 Bernau, Richard J., Reg. No. 39,107  
 Carlan, Janine, Reg. No. 42,387  
 Carpenter, Robert K., Reg. No. 34,794  
 Cherdak, Erik, Reg. No. 39,936  
 Chesser, Wilburn, Reg. No. 41,668  
 Churba, Timothy J., Reg. No. 48,340  
 Haydoutova, Julian, Reg. No. 43,313  
 Hill, Rustan J., Reg. No. 37,351  
 Hsu, John, Reg. No. 45,563  
 Seide, Rochelle K., Reg. No. 32,300

Huang, Sam, Reg. No. 48,430  
 Jenkins, Marylee, Reg. No. 37,645  
 Loughlin, Leo, Reg. No. 42,811  
 Marmenstein, Charles M., Reg. No. 25,895  
 Murphy, Christopher, Reg. No. 39,786  
 Oram, George, F., Jr., Reg. No. 27,931  
 Ozgu, Murat, Reg. No. 44,275  
 Prakash, Guylam, Reg. No. 53,481  
 Schoenhard, Amy, Reg. No. 46,512  
 Stahnke, Sarah, Reg. No. 54,854

Please direct all communications to the following address: Customer No. 38485  
 ARENT FOX PLLC  
 1675 Broadway  
 New York, NY 10019-5820  
 Telephone No. (212) 484-3900; Facsimile No. (212) 484-3990

The undersigned hereby authorizes the U.S. attorneys named herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the U.S. attorneys named herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor

Lloyd G. MITCHELL

Inventor's signature

Inventor's signature

Residence Bethesda, MDCitizenship U.S.A.Post Office Address 4819 Gretna Street, Bethesda, MD 20814

Full name of second inventor

Mariano A. GARCIA-BLANCO

Inventor's signature

Inventor's signature

Residence Durham, North CarolinaCitizenship U.S.A.Post Office Address 12 Sanderling Court, Durham, North Carolina 27713

Full name of third inventor

Madaiah PUTTARAJU

Inventor's signature

Inventor's signature

Residence Germantown, MDCitizenship IndiaPost Office Address 1211S Stardrift Drive, Germantown, MD 20876

NYC/225490.1

3 of 2